

0922453-081304

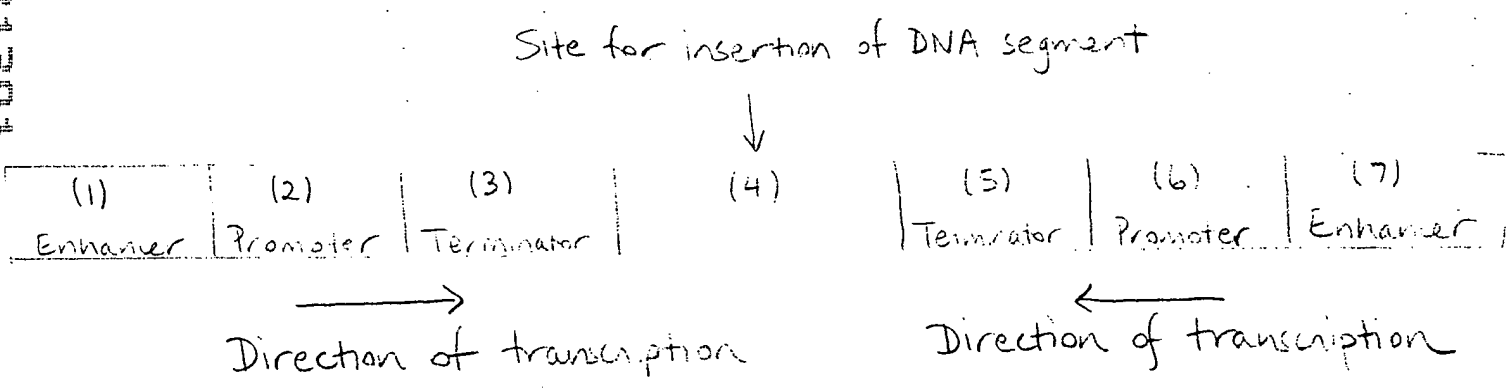


Figure 1

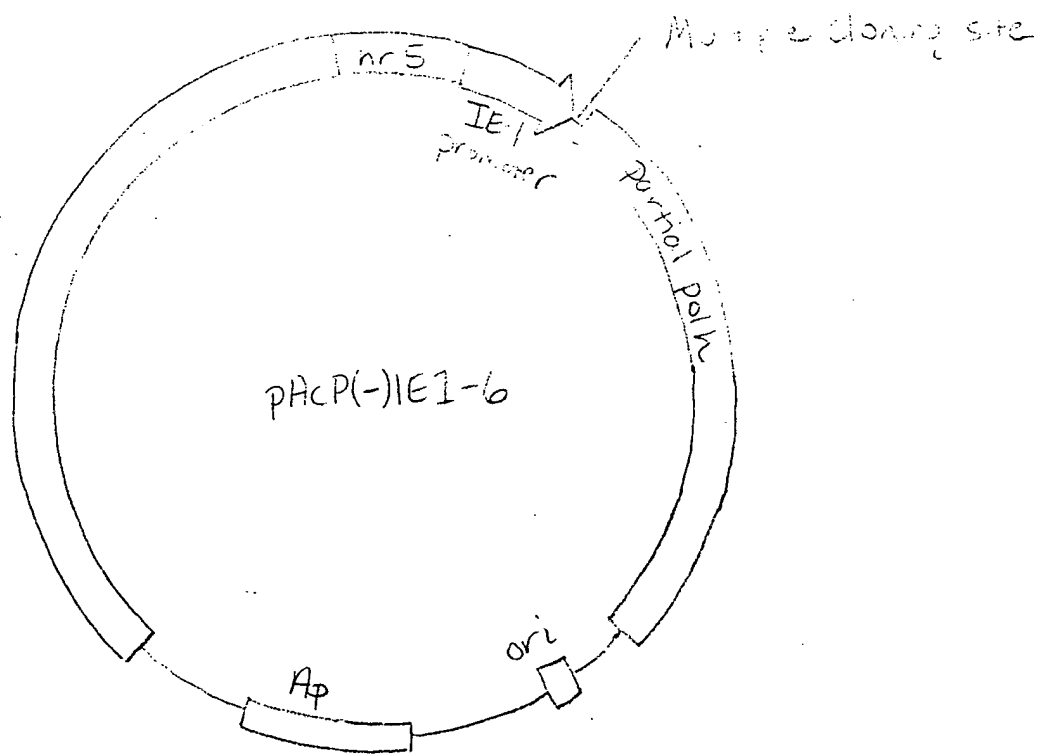
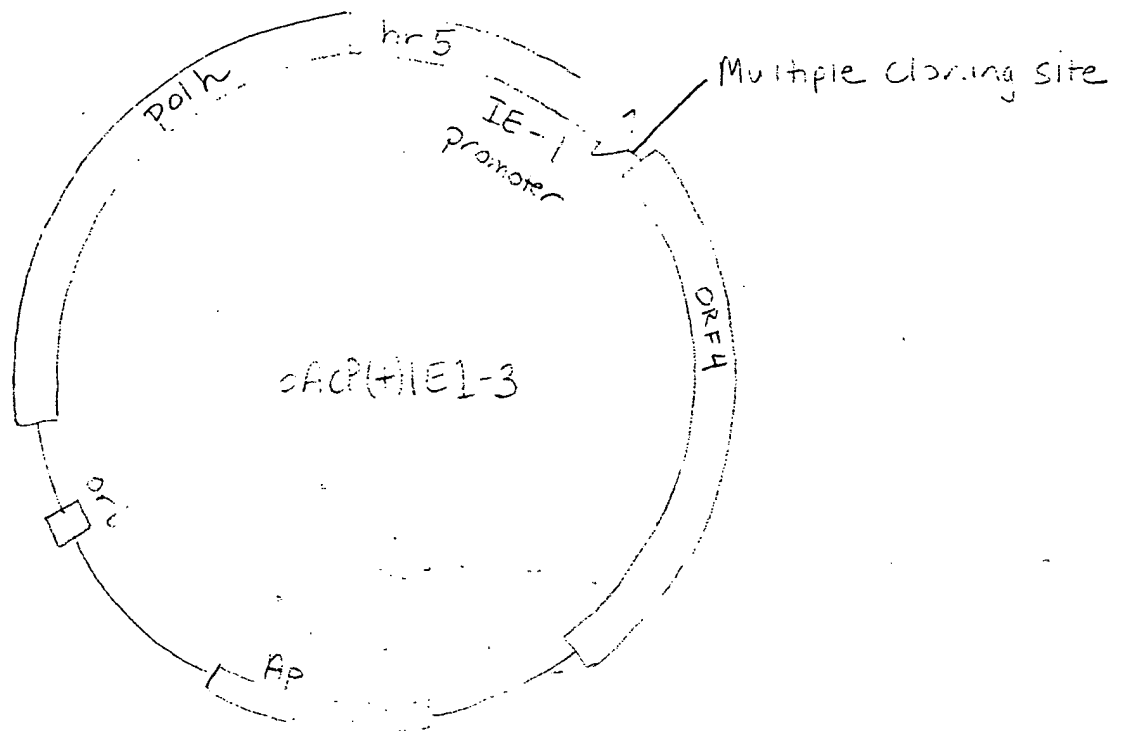
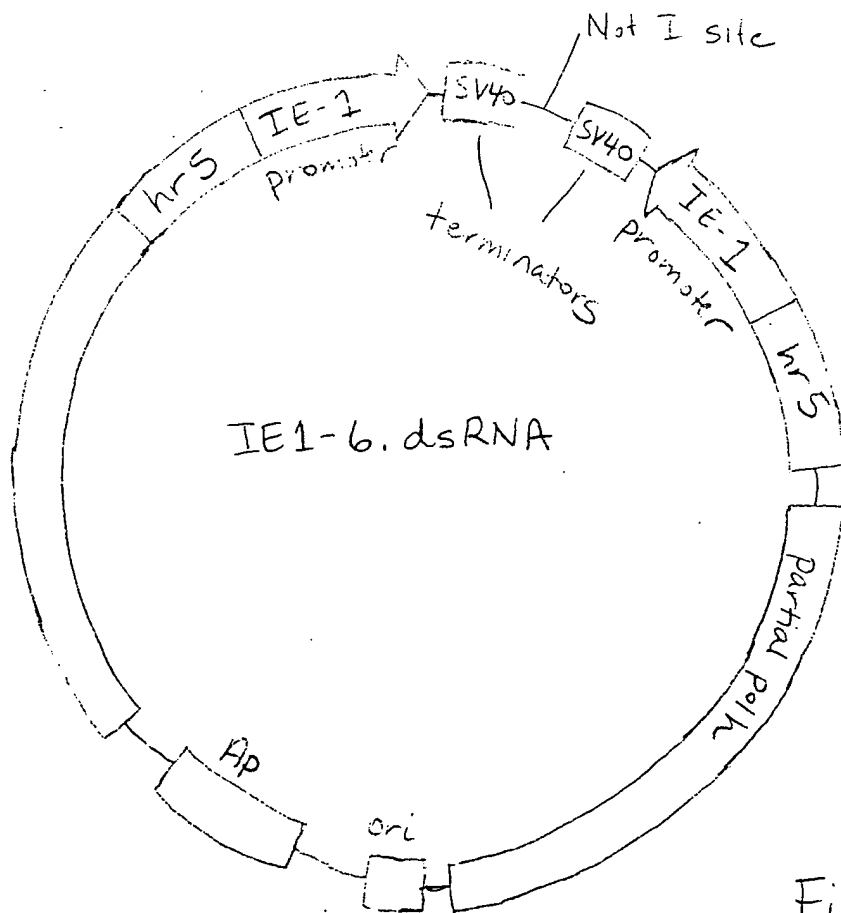
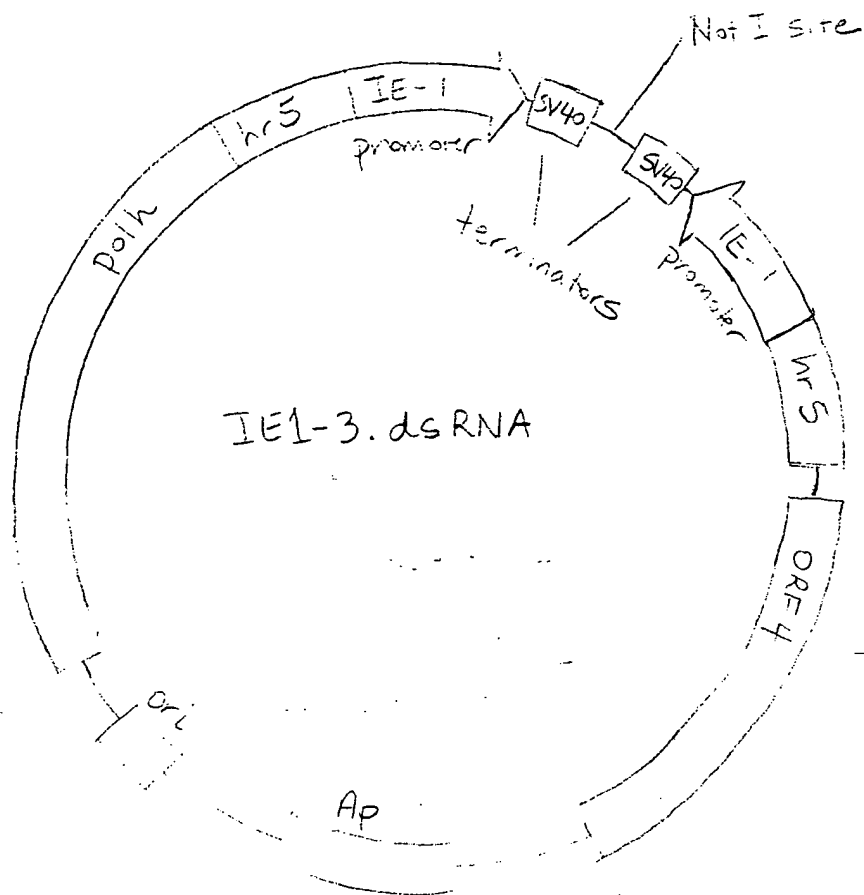


Figure 2

BEST AVAILABLE COPY



BEST AVAILABLE COPY

Figure 3

09928463-081301

BEST AVAILABLE COPY

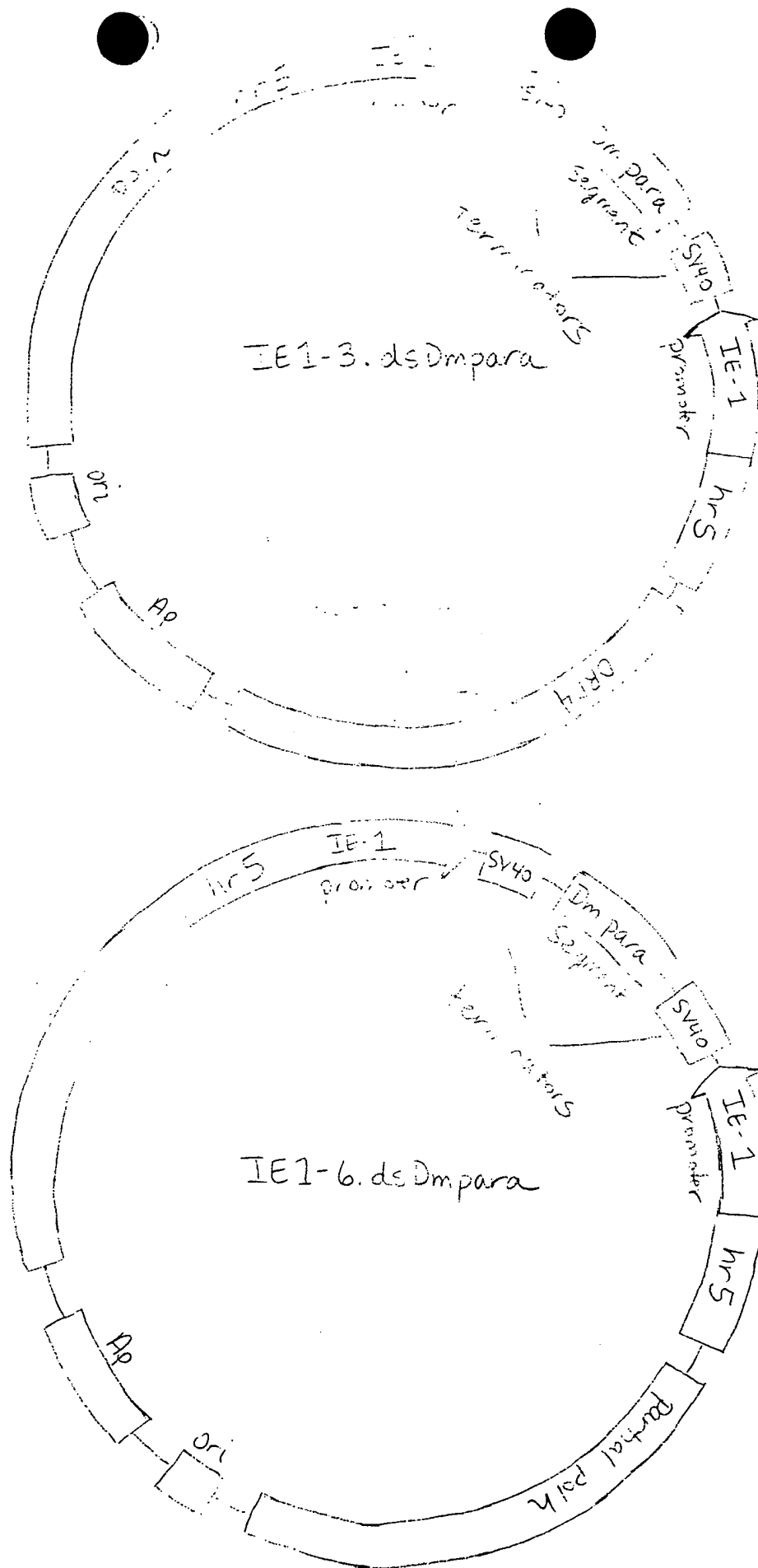


Figure 4

09928463-081301

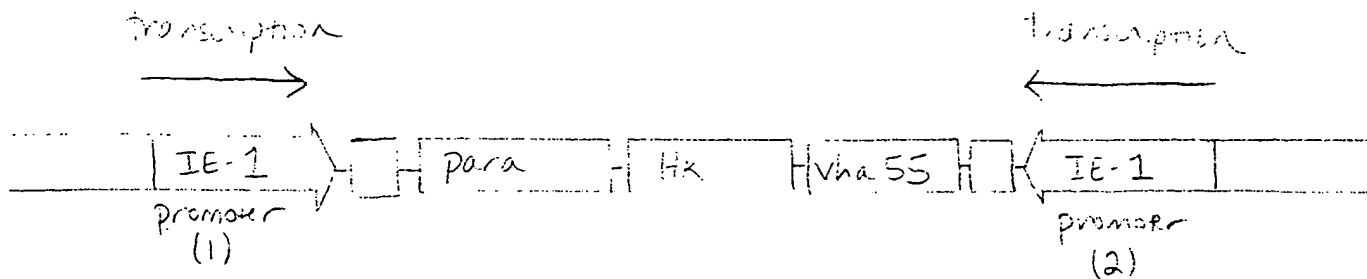


Figure 5A

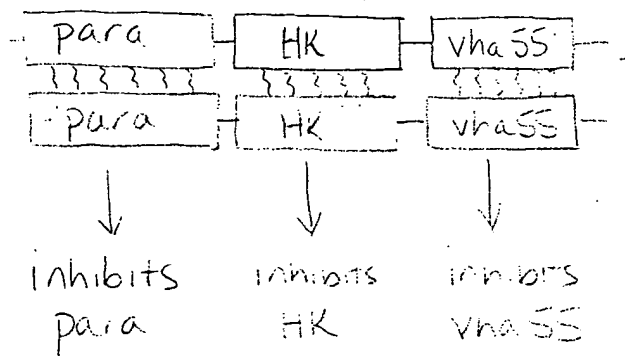


Figure 5B

BEST AVAILABLE COPY

09928463-081301

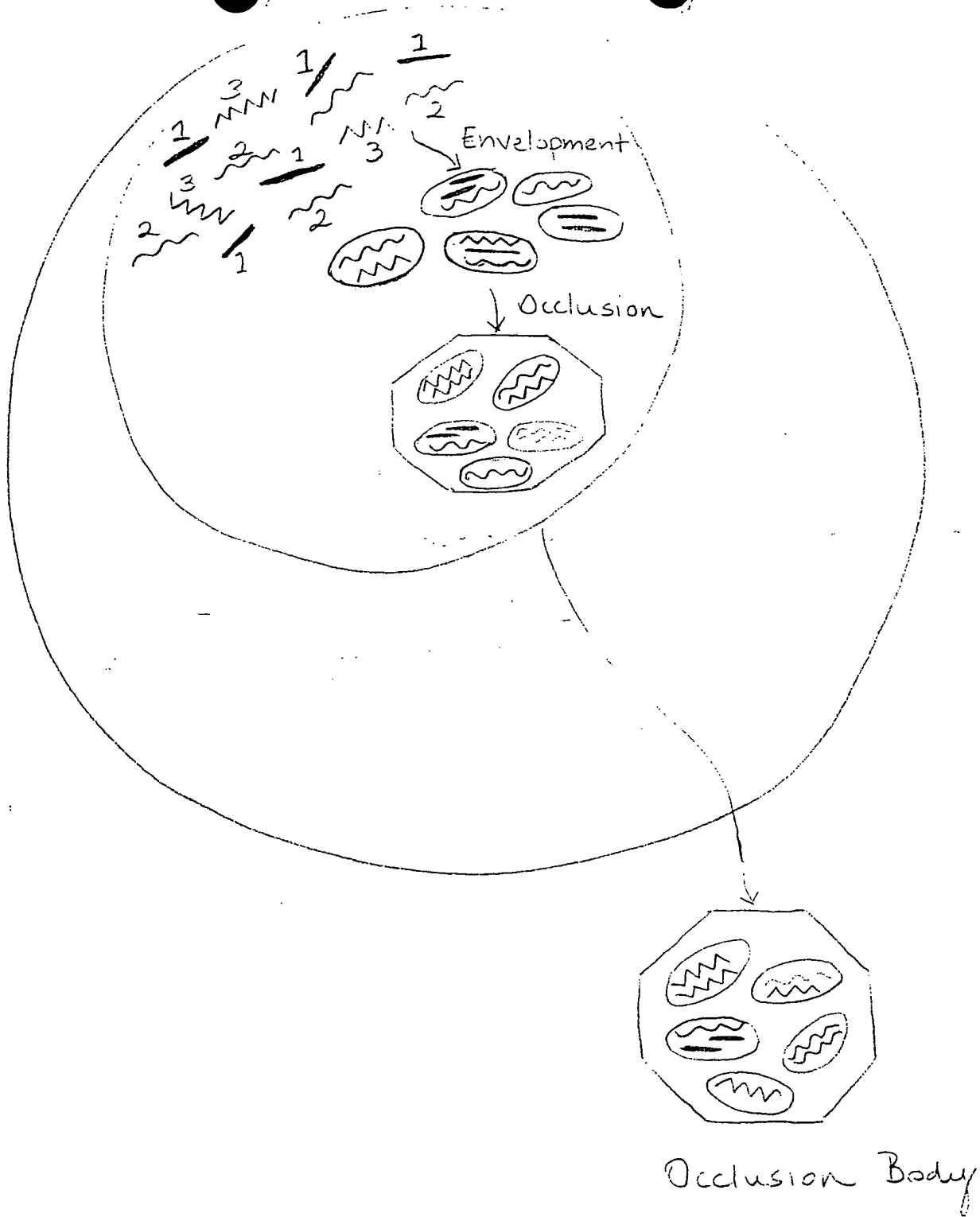


Figure 6

## Figure 7

### SV40 Transcriptional Terminator Sequence

SEQ ID NO:1

TGATCATAATCAGCCATACCACATTTGTAGAGGTTTACTTGCTTTAAAAAAC  
CTCCCACACCTCCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGT  
TAACTTGTTTATTGCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAA  
ATTCACAAATAAAGCATTTTTTTCACTGCATTCTAGTTGTGGTTTGTCCAAAC  
TCATCAATGTATCTTAA

0920463-081301

BEST AVAILABLE COPY

## Figure 8

### Primers Used in Construction of Modified Baculovirus Transfer Vectors

SEQ ID NO:2 SV40Xba#2    AAAATCTAGATCATAATCAGCCATACC  
SEQ ID NO:3 SV40SacII    CCGCGGTTAAGATACATTGATGAGTTTGG  
SEQ ID NO:4 SV40Bam#2    AAAAGGATCCATTGATGAGTTTGGACAAACC  
SEQ ID NO:5 IE1-3.5'    ACTAGTTATCTCCATGATGGGCGCG  
SEQ ID NO:6 IE1-6.5'    AGATCTATATAGTTGCTGATGGGCGCG

### Primers Used to Amplify Portions of Target Genes from *Drosophila melanogaster*

#### Dm.para primers

SEQ ID NO:8 Dm.para5'    5'- TGAGGAAGAACGCAGTTTGTTC -3'  
SEQ ID NO:9 Dm.para3'    5'- CGGGCATAAAATGAAACCTCG -3'

#### Dm.white primers

SEQ ID NO:10    White5'    5'- CGCTGTGACACATACTTTCTG -3'  
SEQ ID NO:11    White3'    5'- GTCTTAGAGCCAGATATGCG -3'

#### Dm.vha55 (subunit B) primers for 3'UTR

SEQ ID NO:12    DmvB5'    5'- TCTCCACCTCCTGCAATATCCG -3'  
SEQ ID NO:13    DmvB3'    5'- CCCATTCACTCTTG TGACCAGAG -3'

#### Dm.vha26 (subunit E) primers for 3'UTR

SEQ ID NO:14    DmvE5'    5'- ACCAGAAAGAGAACCAGCATCAAC -3'  
SEQ ID NO:15    DmvE3'    5'- ACCTGCCAGCGGTCTGTAAAAG -3'



**Primers Used to Amplify Portions of Target Genes from *Manduca sexta***

**Manduca para primers**

SEQ ID NO:16      para5'      5'- TGCATGGAATTGGCTTGACTTC -3'

SEQ ID NO:17      para3'      5'- AGCACCAGTTGATAGAGATTCTCCC -3'

**Manduca hb PCR Primers**

SEQ ID NO:18      Ms.hb.5'      5'- CTCGTTCTTATTCCCTCCTAAC -3'

SEQ ID NO:19      Ms.hb.3'      5'- ATGAACGGGTCGTTGTACC -3'

**Manduca fasciclinII primers**

SEQ ID NO:20      fas5'      5'- TACTGCACCAGAAATGGAAGAGC -3'

SEQ ID NO:21      fas3'      5'- ACGGGTTGGTTGTTTCATAGCC -3'

**Manduca EcR primers**

SEQ ID NO:22      Ms.EcR.5'      5'- CGTGCAACGTGCTCGTTTTTAC -3'

SEQ ID NO:23      Ms.EcR3'      5'- TTAGGAGTTGTAGGAGGCATCGG -3'

**Manduca vha55 (subunit B) primers for 3'UTR**

SEQ ID NO:24      MsvB5'      5'- GATCTGGTTTCGATTGTTTCCG -3'

SEQ ID NO:25      MsvB3'      5'- CGAGGACCAACTCAATTGGAATG -3'

**Manduca vha26 (subunit E) primers for 3'UTR**

SEQ ID NO:26      MsvE5'      5'- GGTGACCCACATTCACTCGTTATAC -3'

SEQ ID NO:27      MsvE3'      5'- AACCTACAGACCTCAATGCCTCC -3'

09928463-081301

**BEST AVAILABLE COPY**

## Figure 9

Portion of Multiple Cloning Site from Plasmid PCR2.1 Incorporated into Modified Baculovirus Transfer Plasmids

SEQ ID NO:7

AGCCGAATTCTGCAGATATCCATCACACTGGCGGCCGCTCGAGCATGCATCT  
AGA

09928463-081301  
10ET80-E9482660

BEST AVAILABLE COPY